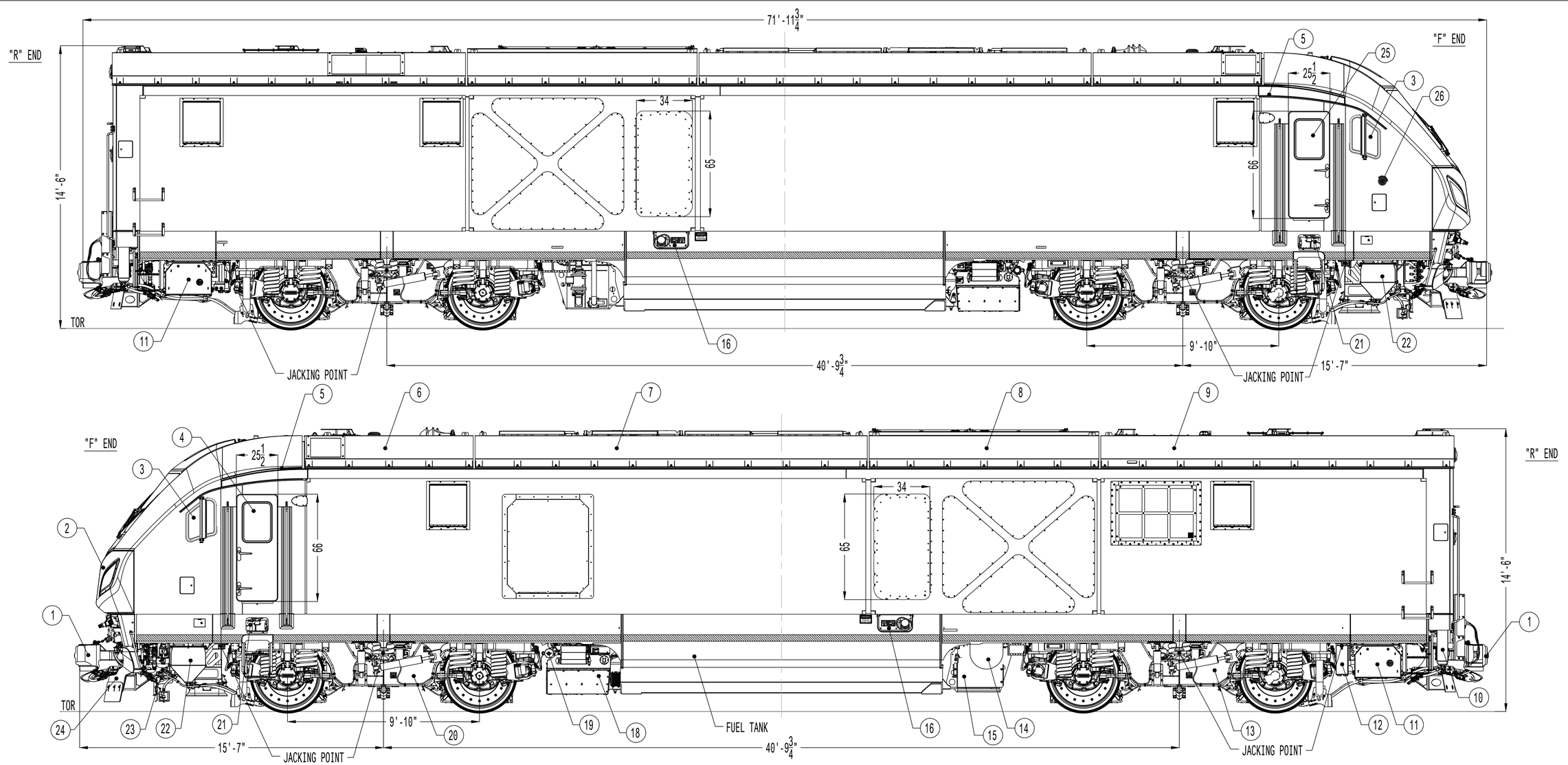

ITEM #	PART #	DESCRIPTION	10	A2V00002843657	SANDING BACK	20	A2V00002866393	TRUCK A
1	A2V00002940892	COUPLER	11	A2V00002397246	BATTERY BOX	21	A2V00002433960	STEP LIGHTING
2	A2V00002904913	FRONT ASSEMBLY	12	A2V00002397247	FUSE BOX	22	A2V00002843636	SANDING FRONT
3	A2V00002347430	CAB SIDE WINDOW	13	A2V00002866394	TRUCK B	23	A2V00002397826	BELL
4	A2V00002920147	ENTRANCE DOOR LH	14	A2V00002985168	WHEEL FLANGE LUBRICATION	24	A2V00002843762	SNOW PLOW
5	A2V00002347440	RAIN GUTTER	15	A2V00002886909	HEP TRANSFORMER	25	A2V00002920146	ENTRANCE DOOR RH
6	A2V00002843700	ROOF 1	16	A2V00002933755	FUEL LEVEL INDICATOR	26	A2V00002933671	WINDSHIELD WASHER SYS.
7	A2V00002843703	ROOF 2	17	N/A	N/A			
8	A2V00002843701	ROOF 3	18	A2V00002936467	DEF TANK			
9	A2V00002843702	ROOF 4	19	A2V00002876760	PIPING DRAIN WATER			

AMTRAK

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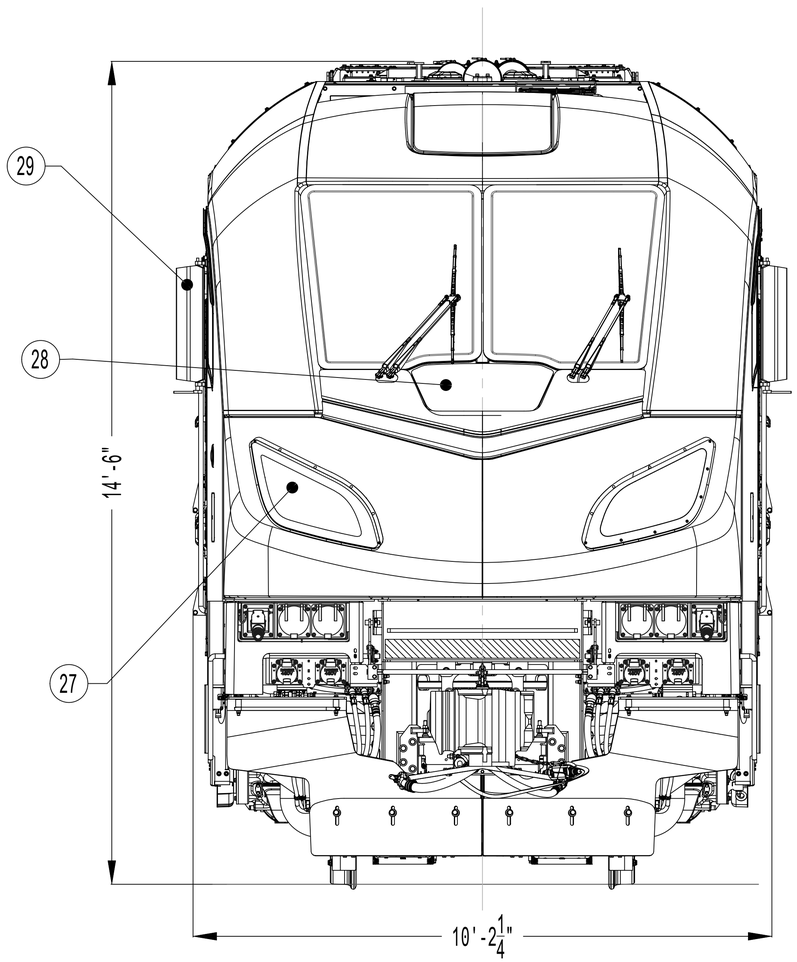
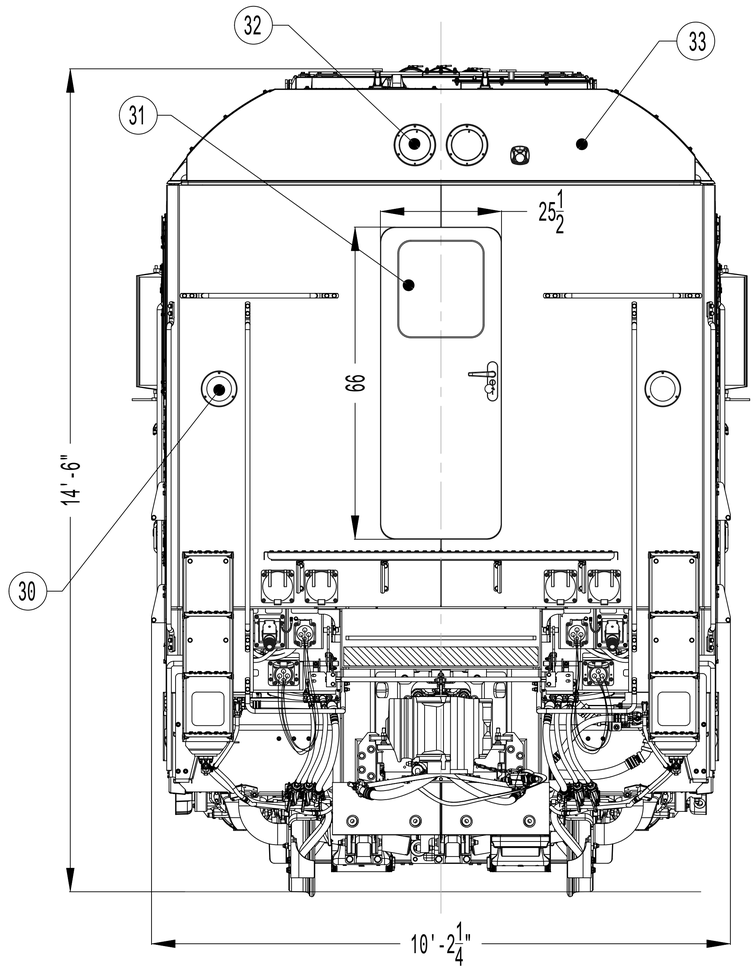
TRUCK WEIGHT: 40,501 LBS.
BODY SHELL WEIGHT: 55,083 LBS
TOTAL WEIGHT: 266,625 LBS. (50% SUPPLIES)
280,175 LBS. (MAX.)

0 5' 10'

ALC-42 LOCOMOTIVE	ROAD Nos: 300-424	125 MPH	4,200 HP	SCALE/PAPER SIZE	REV.
				"D" 22" X 34": 3/8" = 1'-0"	A
				"B" 11" X 17": 3/16" = 1'-0"	2/20/2024





ITEM #	PART #	DESCRIPTION
27	A2V00002911892	EXTERIOR LIGHTING
28	A2V00002952119	FRONT HEADLIGHT
29	A2V00002347441	MIRROR
30	A2V00002111480	MARKER LIGHT
31	A2V00002919393	BACK DOOR
32	A2V00002952119	REAR HEADLIGHT
33	A2V00002950244	BACKUP CAMERA

AMTRAK

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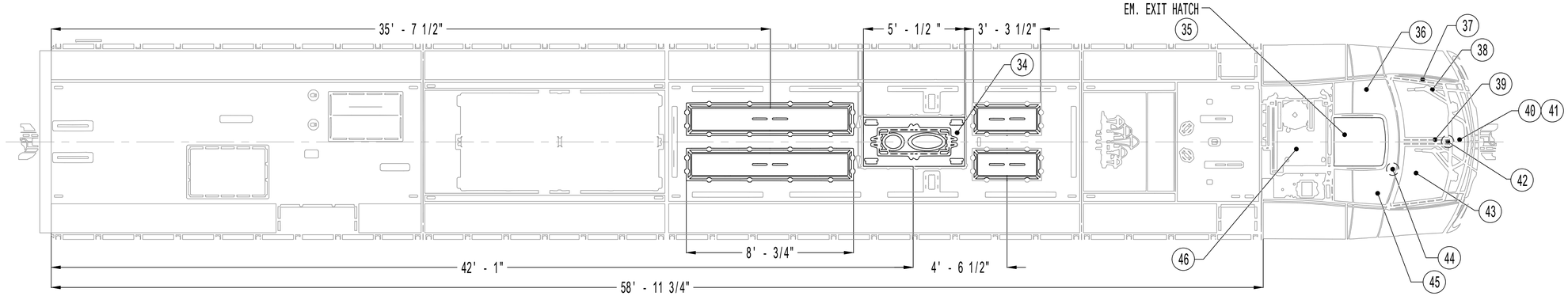
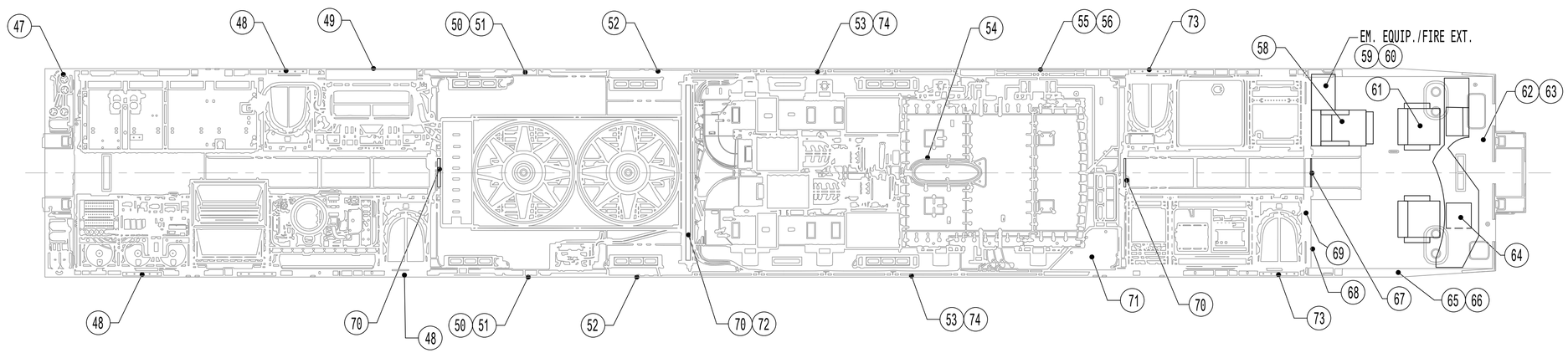
0 2' 4'

ALC-42 LOCOMOTIVE	ROAD Nos: 300-424	125 MPH	4,200 HP	SCALE/PAPER SIZE	REV.
				"D" 22" X 34": 3/4" = 1'-0"	A
				"B" 11" X 17": 3/8" = 1'-0"	2/20/2024



"R" END

"F" END



ITEM #	PART #	DESCRIPTION	ITEM #	PART #	DESCRIPTION	ITEM #	PART #	DESCRIPTION
34	A2V00002450184	EXHAUST HOOD	48	A2V00002933785	AIR GRILLE COATED	63	A2V00002347435	CAB FLOOR
35	A2V00002347415	EMERGENCY EXIT HACH	49	A2V00002943979	AIR GRILLE COATED HEP CU	64	A2V00002843766	CONSOLE
36	A2V00003167201	CEILING LINING	50	A2V00002843721	AIR GRILLE COATED	65	A2V00002347367	CAB SW INSULATION
37	A2V00002872999	FRONT POST LINING	51	A2V00002843720	AIR GRILLE COATED	66	A2V00002930289	CAB SIDE LINING
38	A2V00002933671	WINDSHIELD WASHER SYS.	52	A2V00002843722	MAINTENANCE HATCH	67	A2V00002839538	ENGINE ROOM DOOR
39	A2V00002907664	FRAMED WINDSHIELD ASM	53	A2V00003018617	INSULATION	68	A2V00002843654	REAR WALL CABINET +15
40	A2V00002903664	FRONT INSULATION	54	A2V00002395602	EXHAUST SYSTEM	69	A2V00002879881	REAR WALL INSULATION
41	A2V00002347405	CAB HEATER	55	A2V00002843716	CYCLONE	70	A2V00002618728	PARTITION DOOR
42	A2V00003013410	FRONT VIEW CAMERA	56	A2V00002843717	DESIGN GRILLE COATED CYCL.	71	A2V00003005060	CORNER CUPBOARD
43	A2V00002347433	ROLLER BLIND	57	N/A	N/A	72	A2V00002395869	PARTITION WALL COOLING
44	A2V00003116012	CAB CAMERA	58	A2V00002897653	FLIP SEAT	73	A2V00002843770	AIR GRILLE COATED
45	A2V00002347368	ROOF INSULATION	59	A2V00002843658	REAR WALL CABINET +14	74	A2V00003018985	AIR GRILLE COATED
46	A2V00002987489	CAB HVAC	60	A2V00002996100	FIRE EXTINGUISHER			
47	A2V00002843682	MISCELLANEOUS	61	A2V00002941109	SEATS			
			62	A2V00002347434	CAB FLOOR INSULATION			

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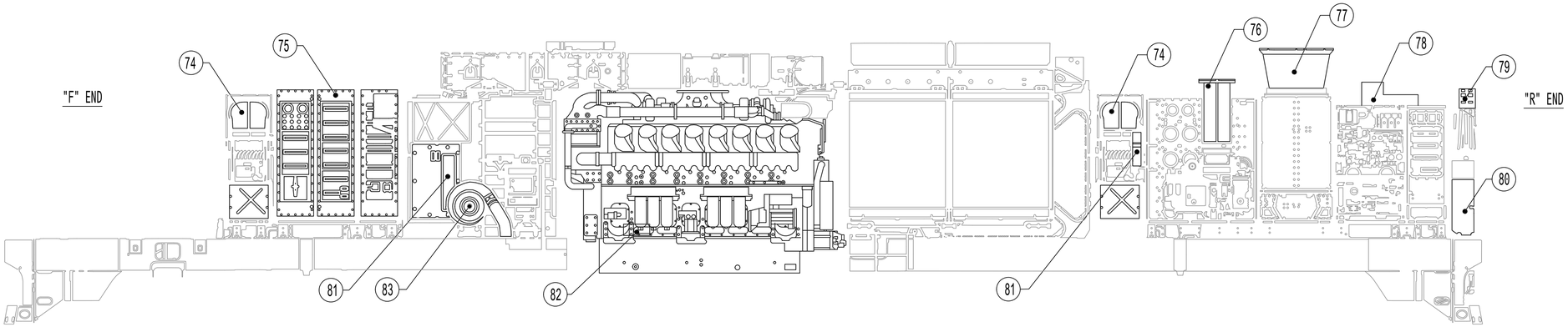
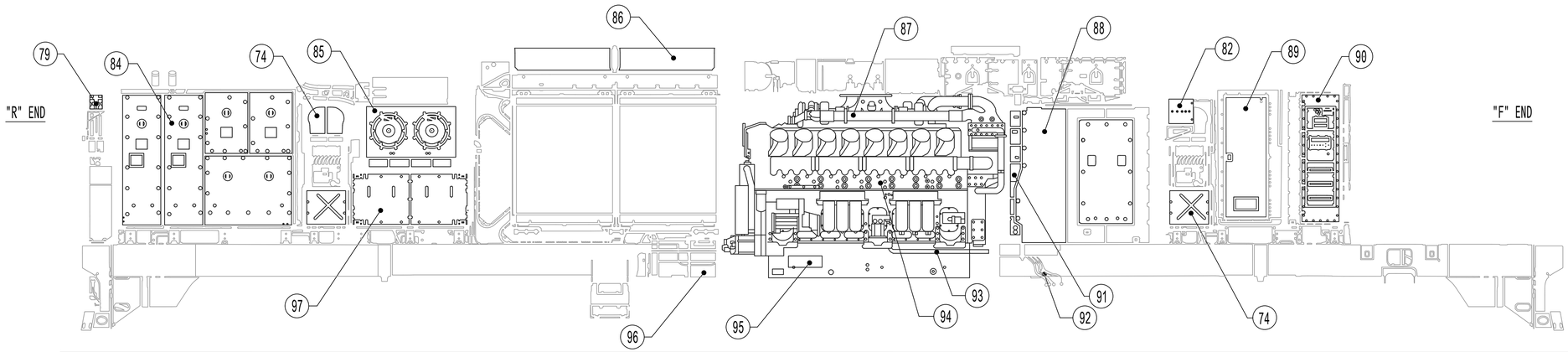
ALC-42 LOCOMOTIVE	ROAD Nos: 300-424	125 MPH	4,200 HP	SCALE: N/A	REV. A 2/20/2024





ITEM #	PART #	DESCRIPTION	85	A2V00002391497	HEP/TRACTION CONV. COOLING	97	A2V00002843678	HEP CUBICLE
74	A2V00002395713	TRACTION MOTOR BLOWER RACK	86	A2V00002353155	ENGINE COOLING UNIT			
75	A2V00002843674	AUX. - LOW VOLTAGE CUBICLE	87	A2V00002396023	COMBUSTION AIR TUBING			
76	A2V00002843661	AIR SUPPLY RACK	88	A2V00003009496	CLEAN AIR COMPARTMENT			
77	A2V00002353288	BRAKE RESISTOR	89	A2V00002395814	TOILET ASSEMBLY			
78	A2V00002843749	BRAKE RACK	90	A2V00002843712	TRAIN PROTECTION CUBICLE			
79	N/A	JUMPER CABLES	91	A2V00003008950	PARTITION WALL ALT. ASSY.			
80	A2V00002843657	SANDING BACK	92	A2V00003022953	DEF SUPPLY			
81	A2V00002996100	FIRE EXTINGUISHER	93	A2V00002877579	CRANKCASE VENTILATION			
82	A2V00002877573	PREHEATER UNIT	94	A2V00002843613	POWER PACK			
83	A2V00002395524	DUST DISCHARGE BLOWER	95	A2V00002877575	FUEL SYSTEM			
84	A2V00002962993	TRACTION CONVERTER	96	A2V00002924221	OIL TANK ASM			

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ALC-42 LOCOMOTIVE	ROAD Nos: 300-424	125 MPH	4,200 HP	SCALE: N/A	REV. A 2/20/2024

GENERAL

BUILDER:	SIEMENS
YEAR BUILT:	2021-2031
LENGTH:	71'-11 3/4" (pulling faces)
TRUCK CENTERS:	40'-9.8"
WIDTH:	10'-3"
WEIGHT:	266,625 Lbs. (50% supplies)
	280,175 Lbs. (Max.)
TRUCK WEIGHT:	40,501 Lbs.
BODY SHELL WEIGHT:	55,083 Lbs.
CLEARANCE:	D 05-1355 REV E
SANDBOX VOLUME:	26 CU. FT.

ENGINE

PRIME MOVER:	CUMMINS QSK95
TIER:	TIER 4
BORE AND STROKE:	190 MM X 210 MM
RPM:	1,800
CYLINDERS:	16
HORSEPOWER:	4,200 AT ALTERNATOR
FUEL CAPACITY:	2,200 US GAL.
LUBE OILCAPACITY:	164 US GAL. (MAIN ENGINE OIL PAN)
	90 US GAL. (OIL TANK)
DEF CAPACITY:	260 US GAL.
HYDRAULIC OIL CAPACITY:	15.9 US GAL.
COOLANT CAPACITY:	226 US GAL.
AFTERTREATMENT:	UL2 (300-311), UA3 YELLOWSTONE (312+)

WHEELS AND TRUCKS

MAX SPEED:	125 MPH
TURNING RADIUS:	250'
WHEEL ARRANGEMENT:	B-B
WHEEL DIAMETER:	44"
TRACTION MOTORS:	SIEMENS AC
BEARINGS:	TIMKEN CLASS G
COUPLER:	AAR TYPE F TIGHTLOCK
TRUCK:	FABRICATED 2 AXLE SIEMENS SF4

BRAKES

BRAKE TYPE:	ELECTRONIC CCB-II
	DISC WITH TREAD SCRUBBER

ELECTRICAL

HEP:	ALTERNATOR, 480 VAC, 1000 KW
INTER-CARRIAGE CONNECTIONS:	4X 480 VAC (RED)
	2X 27 PIN COM (BLUE)
	2X 27 PIN MU (BLACK)
	2X DTL (ORANGE)

EMISSIONS

EPA STANDARD:	TIER 4

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